

NCI Budget and RPG Pool

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NCAB Subcommittee on Planning & Budget
September 1, 2020

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... Flashback
to Dr. Lowy
12/3/19
Presentation

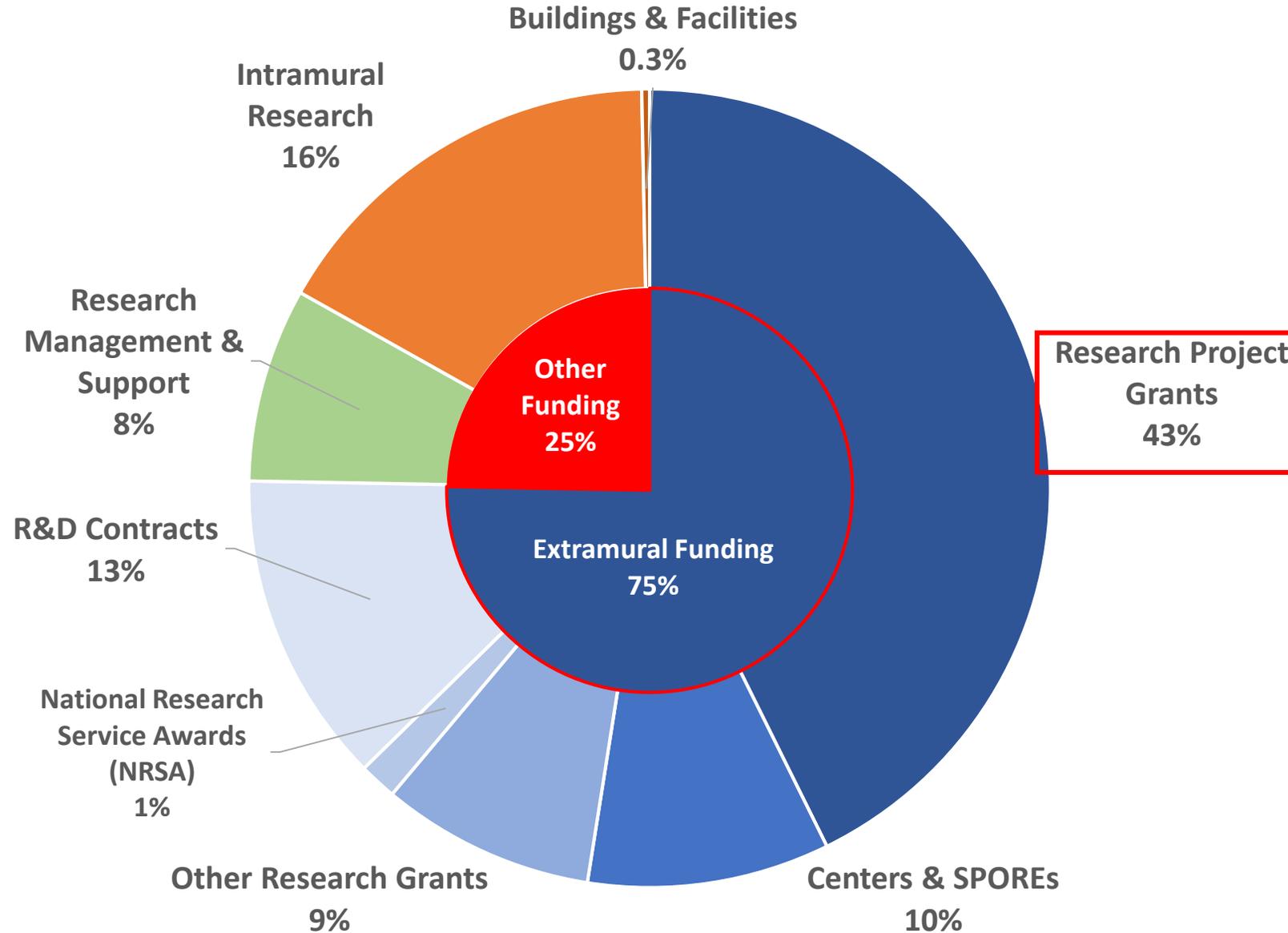
NCI Budget & RPG Pool

Douglas R. Lowy, M.D.
Principal Deputy Director

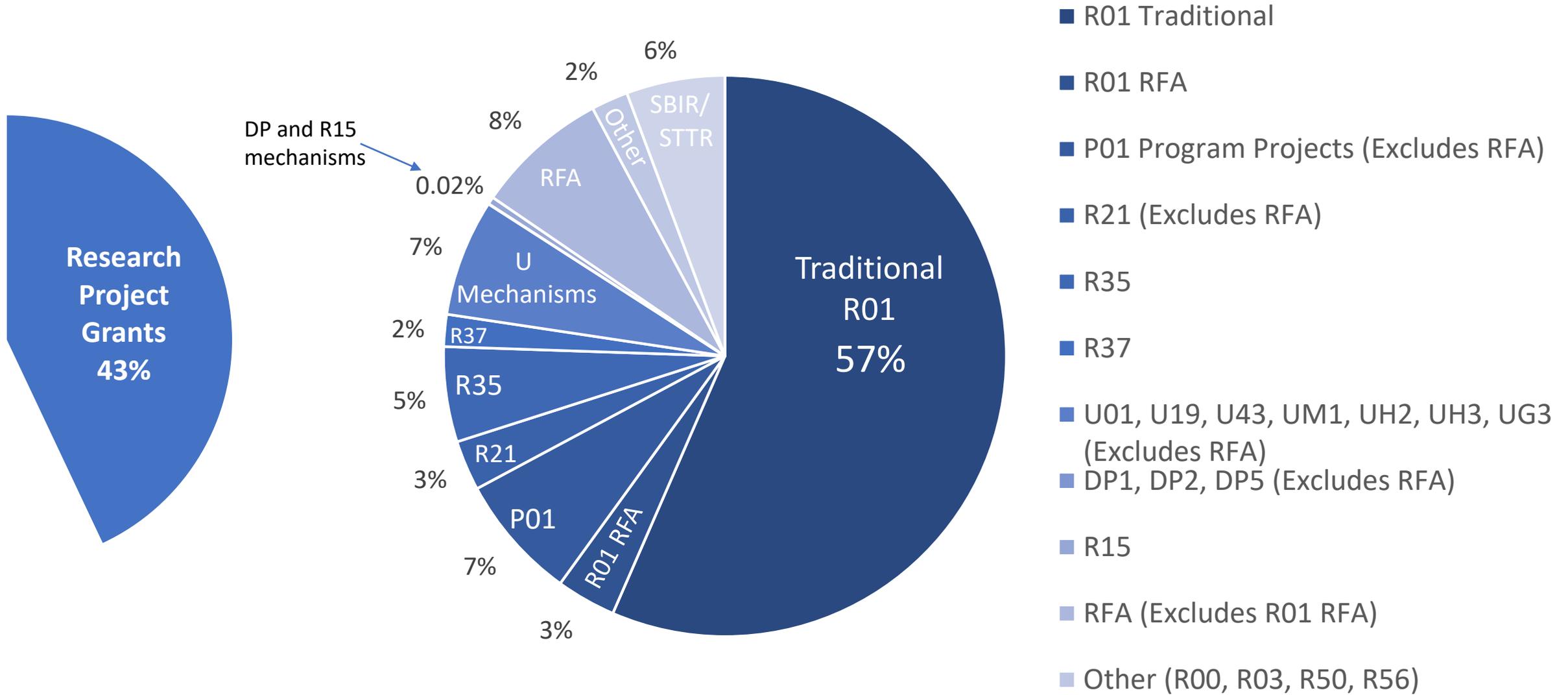
*Joint Meeting of the National Cancer Advisory Board
Board of Scientific Advisors*

December 3, 2019

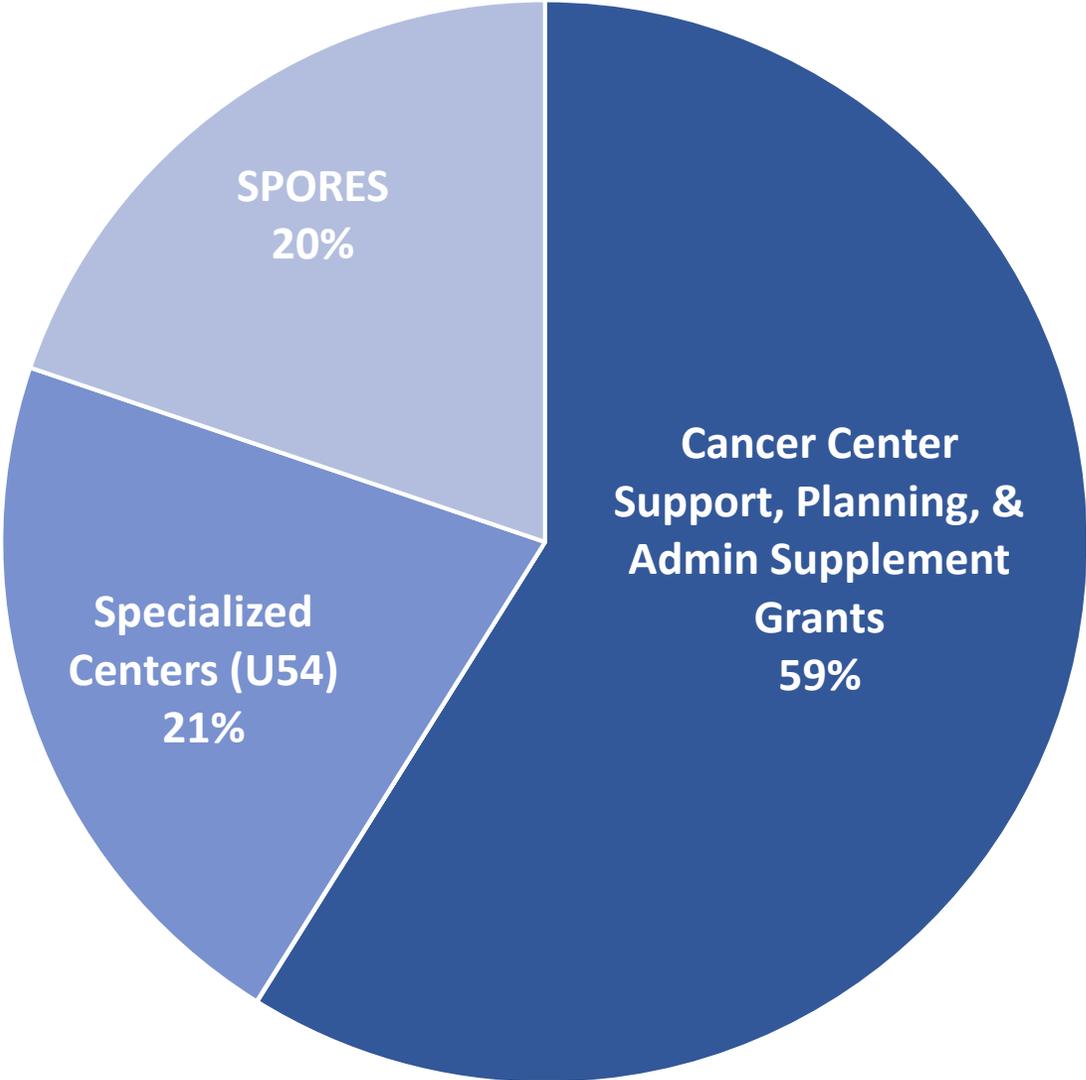
How does NCI spend its money?



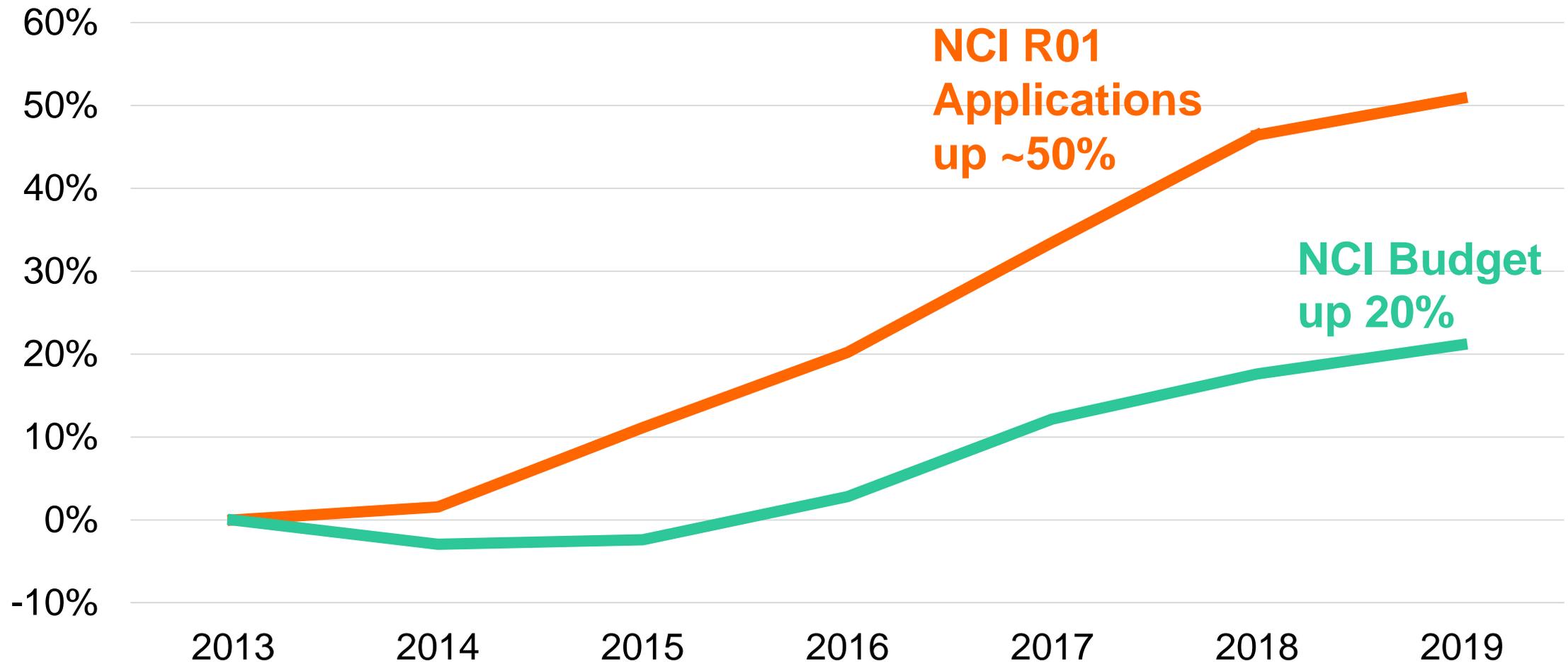
FY 2019 Research Project Grants



Centers & SPORES



Competing R01 **applications** vs. budgets for NCI & RPGs: Percent change since FY 2013



... Flashback
to Dr. Sharpless
2/11/20
Presentation

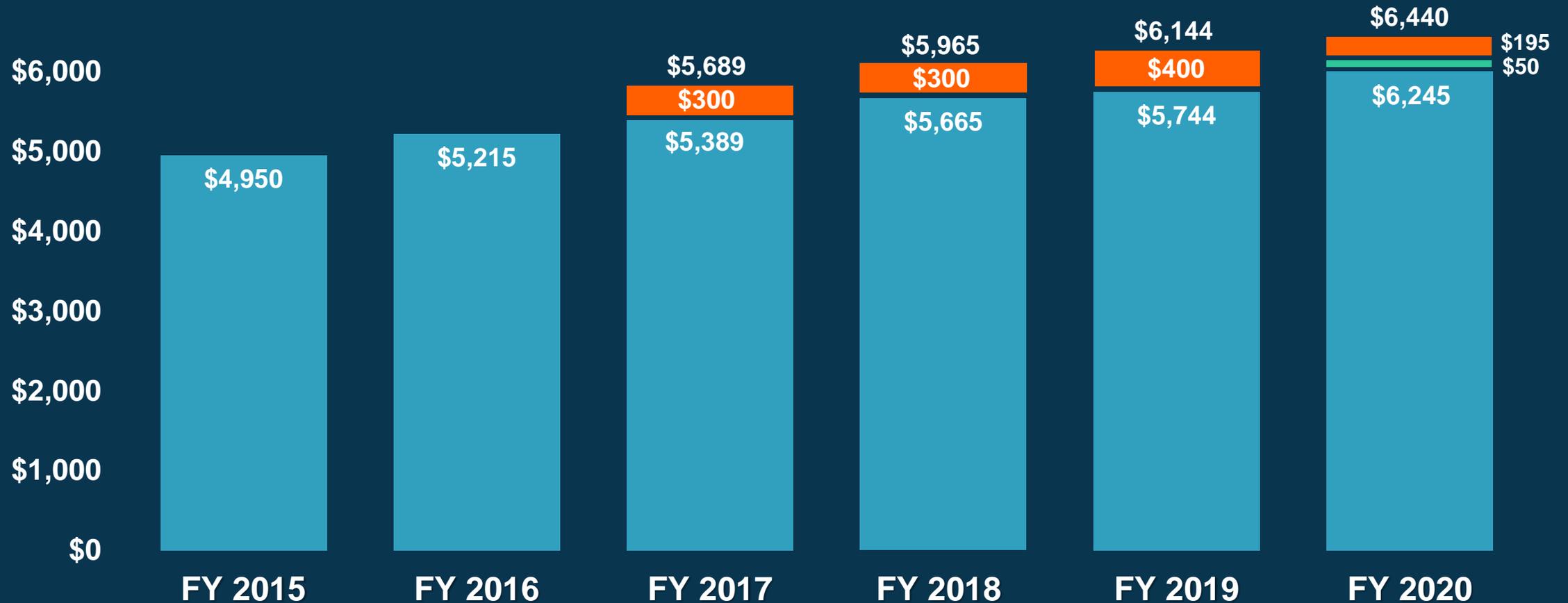
NCI Director's Report

Norman E. Sharpless, M.D.

Virtual National Cancer Advisory Board Meeting
February 11, 2020

NCI Appropriations FY 2015 – 2020 (in millions)

21st Century Cures Act - orange
Childhood Cancer Initiative - green



NCI FY 2020 Appropriation from Congress

DIVISION A—DEPARTMENTS OF LABOR, HEALTH AND HUMAN SERVICES, AND EDUCATION, AND RELATED AGENCIES APPROPRIATIONS ACT, 2020

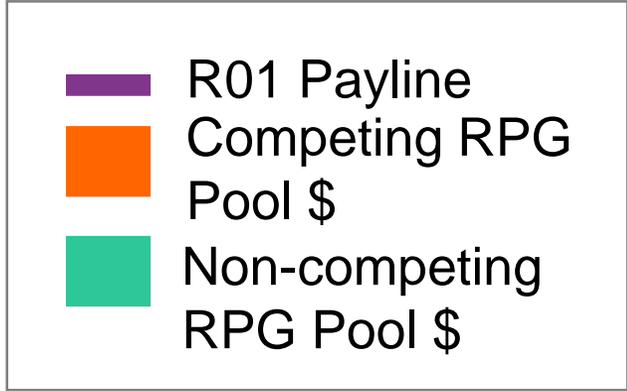
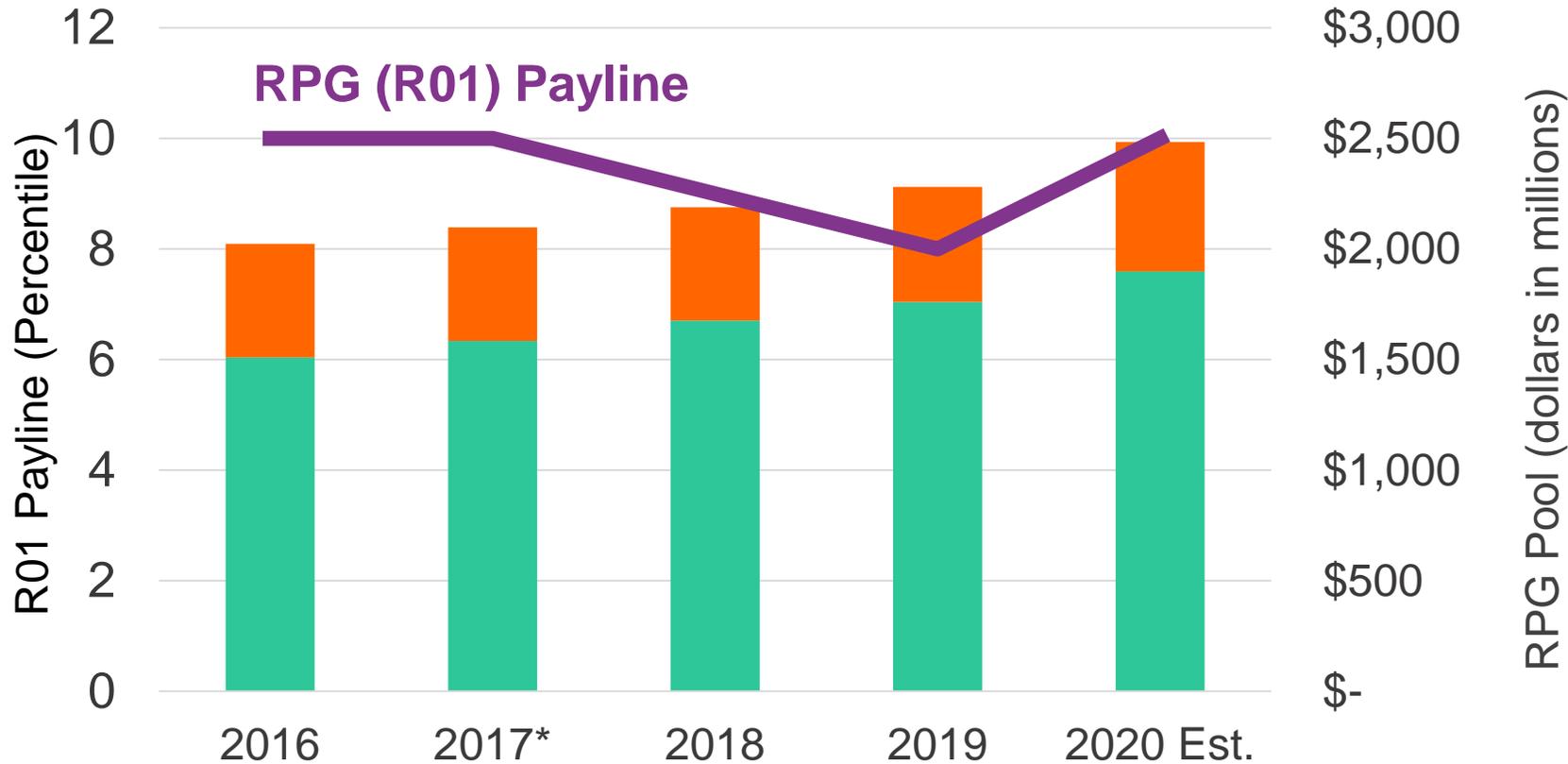
NCI Paylines.—Grant applications to NCI have increased by approximately 50 percent since 2013, outpacing available funding, with requests for cancer research ten-fold greater than other Institutes. With such a high demand for NCI grants, only a fraction of this research is funded. To support more awards and improve success rates, the agreement provides \$212,500,000 to prioritize competing grants and sustain commitments to continuing grants.

OF NCI'S \$297 MILLION
FY2020 BUDGET INCREASE

MORE THAN
\$210 MILLION
WILL SUPPORT RESEARCH & TRAINING

NCI FY 2020 Competing Grant Policies		
Grant Type	FY 2020	FY 2019
R01 Grants for Established & New Investigators	10th Percentile	8th Percentile
R01 Grants for Early Stage Investigators (ESIs)	15th Percentile	14th Percentile
R21 Exploratory / Developmental Grants	9th Percentile	7th Percentile

NCI RPG Pool and R01 Payline – FY 2016-20



In addition to these RPGs, in FY19 NCI supported over \$1.1B of extramural research grants through non-RPG mechanisms, e.g.,

- Clinical trials (U10)
- Cancer Centers (P30)
- SPORES (U54)
- Training (F, K, T)

Does not include SBIR/STTR or Admin Supplements

**FY 2017 includes competing first-year costs and awards from Cancer Moonshot fully funded awards.*

... Flashback
to Dr. Lowy's
6/15/20
Presentation

Update: COVID-19 Serology and Immunology Capacity Building

Douglas R. Lowy, M.D.
Principal Deputy Director

*2nd Virtual Meeting of the National Cancer Advisory
Board and the Board of Scientific Advisors*

June 15, 2020

NCI supplemental funding from Congress

- Enacted April 24th
- \$306M for NCI to **develop, validate, improve, and implement** serological testing and associated technologies
- COVID-19 focused and *distinct* from annual appropriation

134 STAT. 620

PUBLIC LAW 116–139—APR. 24, 2020

Public Law 116–139
116th Congress

An Act

Apr. 24, 2020
[H.R. 266]

Making appropriations for the Department of the Interior, environment, and related agencies for the fiscal year ending September 30, 2019, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,

SECTION 1. SHORT TITLE.

This Act may be cited as the “Paycheck Protection Program and Health Care Enhancement Act”.

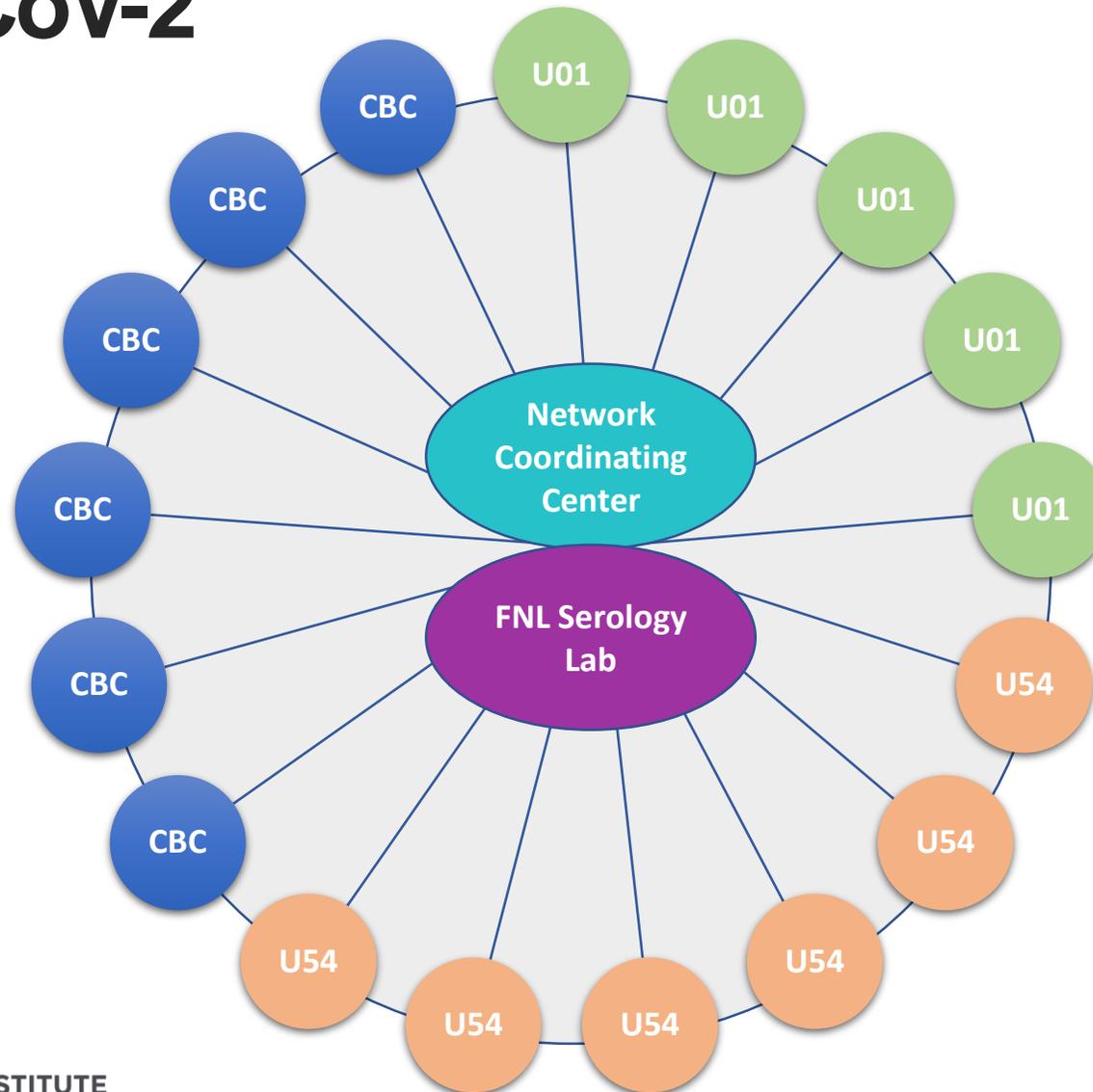
SEC. 2. TABLE OF CONTENTS.

The table of contents for this Act is as follows:

- Sec. 1. Short title.
- Sec. 2. Table of contents.
- Sec. 3. References.

Paycheck
Protection
Program and
Health Care
Enhancement
Act.
15 USC 9001
note.

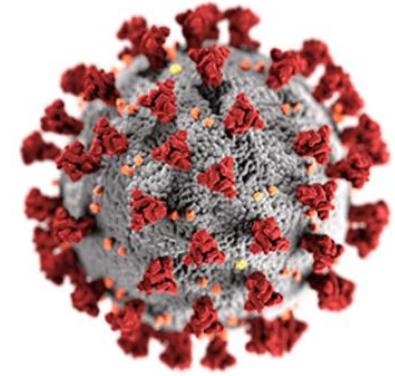
Proposed Serological Sciences Network for SARS-CoV-2



4-8 CBCs: Serological Sciences **Capacity Building Centers** (RFP)

4-8 U54s: Serological Sciences **Centers of Excellence** (RFA)

5-10 U01s: Serological sciences projects (RFA)



NCI Response to COVID-19

Three NCI Notices (April) –

- Urgent Competitive Revisions & Admin. Supps (CA-20-042)
- SBIR/STTR Urgent Competitive Revisions & Admin. Supps (CA-20-043)
- Redirecting Grant Funds to COVID-19-Related Research (CA-20-054)

NIH / NCI issued policy flexibility on –

- Deadlines
- Paying salaries & stipends
- Project periods & reporting
- ESI & trainee eligibility

Guidance and Support

- FAQs on repurposing grant funds to conduct COVID-19 research
- FAQs on expedited timeframes for NCI decisions

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled . . .

Budget Trends & FY 2021



- *TBD* when FY 2021 final funding will arrive?
 - FY 2017 in May 2017; FY 2013 in March 2013, FY 2009 in March 2009
 - *TBD* who will be in charge?
 - Funding trend is strong, but will it continue?
 - Since FY 2016 NIH budget is +\$9.4B (up 29%)
 - Since FY 2016 NCI budget is +\$1.2B (up 23.5%)
 - No FY 2021 Senate bill, but House is +\$54M (up 0.8%) for NCI*
- *House also includes \$5B (NIH-wide) for lab productivity losses due to pandemic

Additional Resources



NCI Budget

- Sharpless on [Details of NCI FY 2020 Budget Increase](#)
- McGarey on [NCI Budgets During a Continuing Resolution](#)

COVID-19

- Singer on [SeroNet for COVID-19 Response](#)
- Lowy & Singer provide [Further Details on SeroNet](#)
- Bogler on [Cancer Research Training in the Era of COVID-19](#)



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